

03 MAR 13 PM 4:40  
 RECEIVED  
 TECH CENTER  
 10/0/300  
 Page 1 of 1

FORM PTO-1449  FIFTEENTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 0942.049000B/RWE	APPLICATION NO. 10/024,131
	APPLICANTS Kotewicz et al.	
	FILING DATE December 21, 2001	GROUP 1652

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
Wm	AR	117	"Complaint" dated November 12, 2002, from Gene Choice, Inc. v. Invitrogen Corporation, U.S. District Court for the District of Maryland, Southern Division, Civil Action No. CCB 02 CV 3670
	AS		
	AT		

EXAMINER <i>William W. Miron</i>	DATE CONSIDERED <i>12-July-2004</i>
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	

FORM PTO-1449  SIXTEENTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 0942.049000B/RWE/HCC	APPLICATION NO. 10/024,131
	APPLICANT Kotewicz et al.	
	FILING DATE December 21, 2001	GROUP 1652

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR		
<i>Worm</i>	AS	<u>117</u>	Letter to Philip G. Hampton, II. from Marc R. Labgold, dated July 16, 2003, regarding Invitrogen Corporation v. Clontech Laboratories, Inc., Civil Action Nos. AW-96-4080 and AW-00-1879
<i>Worm</i>	AT	<u>117</u>	"Report and Recommendation Regarding Clontech's Motion for Partial Summary Judgement that the Claims of the Patents-In-Suit Are Invalid for Failure to Satisfy the Written Description Requirement of 35 U.S.C. § 112, First Paragraph," dated July 10, 2003, from Invitrogen Corporation v. Clontech Laboratories, Inc., U.S. District Court for the District of Maryland, Southern Division, Civil Action Nos. AW-96-4080 and AW-00-1879

EXAMINER <i>William M. Brown</i>	DATE CONSIDERED <i>12.26.2004</i>
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	

FORM PTO-1449  <u>SIXTEENTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT</u>	ATTY. DOCKET NO. 0942.049000B/RWE/HCC	APPLICATION NO. 10/024,131
	APPLICANT Kotewicz et al.	
	FILING DATE December 21, 2001	GROUP 1652

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

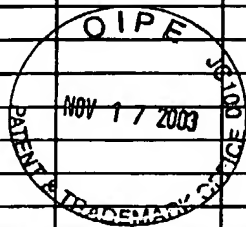
## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>WWM</i>	AR	<u>118</u>	Letter to Philip G. Hampton, II. from Robert J. Koch, dated July 18, 2003, regarding Invitrogen Corporation v. Clontech Laboratories, Inc., Civil Action Nos. AW-96-4080 and AW-00-1879
<i>WWM</i>	AS	<u>118</u>	Letter to Robert J. Koch and Marc R. Labgold from Philip G. Hampton, II., dated July 23, 2003, regarding Invitrogen Corporation v. Clontech Laboratories, Inc., Civil Action Nos. AW-96-4080 and AW-00-1879
	AT		

EXAMINER <i>William W. Moore</i>	DATE CONSIDERED <i>12 July 2004</i>
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MBEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	

FORM PTO-1449  <u>SEVENTEENTH SUPPLEMENTAL</u> <u>INFORMATION DISCLOSURE STATEMENT</u>	ATTY. DOCKET NO. 0942.049000B/RWE/HCC	APPLICATION NO. 10/024,131
	APPLICANT Kotewicz et al.	
	FILING DATE December 21, 2001	GROUP 1652

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
<i>Wmm</i>	AC2	5,017,488	05/21/1991	McAllister et al.	435	194	10/17/1986
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						



FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR		
	AS		
<i>Wmm</i>	AT	118	Arnold, E., et al., "Structure of HIV-1 reverse transcriptase/DNA complex at 7 Å resolution showing active site locations," Nature 357:85-89, Macmillan Journals Ltd. (May 1992)

EXAMINER <i>William M. Moore</i>	DATE CONSIDERED <i>12-16-2004</i>
-------------------------------------	--------------------------------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449  <u>SEVENTEENTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT</u>	ATTY. DOCKET NO. 0942.049000B/RWE/HCC	APPLICATION NO. 10/024,131
	APPLICANT Kotewicz et al.	
	FILING DATE December 21, 2001	GROUP 1652

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
WWM	AR	119	Coffin, J.M., et al., "Reverse Transcriptase and the Generation of Retroviral DNA," in <i>Retroviruses</i> , Coffin, J.M., et al., eds., Cold Spring Harbor Laboratory Press, Plainview, NY, pp. 121-160 (January 1997)
WWM	AS	119	Goedken, E.R., and Marqusee, S., "Metal binding and activation of the ribonuclease H domain from Moloney murine leukemia virus," <i>Prot. Eng.</i> 12:975-980, Oxford University Press (November 1999)
WWM	AT	119	Keck, J.L., and Marqusee, S., "Substitution of a highly basic helix/loop sequence into the RNase H domain of human immunodeficiency virus reverse transcriptase restores its Mn <sup>2+</sup> -dependent RNase H activity," <i>Proc. Natl. Acad. Sci. USA</i> 92:2740-2744, National Academy of Sciences (March 1995)

EXAMINER <i>William W. Moore</i>	DATE CONSIDERED <i>12 July 2004</i>
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	

FORM PTO-1449  <u>SEVENTEENTH SUPPLEMENTAL</u> <u>INFORMATION DISCLOSURE STATEMENT</u>	ATTY. DOCKET NO. 0942.049000B/RWE/HCC	APPLICATION NO. 10/024,131
	APPLICANT Kotewicz et al.	
	FILING DATE December 21, 2001	GROUP 1652

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
WWM	AR	120	Schultz, S.J., and Champoux, J.J., "RNase H Domain of Moloney Murine Leukemia Virus Reverse Transcriptase Retains Activity but Requires the Polymerase Domain for Specificity," <i>J. Virol.</i> 70:8630-8638, American Society for Microbiology (December 1996)
WWM	AS	120	"Clontech's Notice Pursuant to 35 U.S.C. § 282," dated August 22, 2003, from Invitrogen Corporation v. Clontech Laboratories, Inc., U.S. District Court for the District of Maryland, Southern Division, Civil Action NO. AW 96-4080 and AW 00-1879
	AT		

EXAMINER <i>William H. Mason</i>	DATE CONSIDERED <i>12 July 2004</i>
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	